PNEUMATIC GRIPS

Wide Pneumatic Grip with Pyramid Jaws

Three-rod pneumatic vise grip with 220 mm wide jaws for textiles and wide specimens



OVERVIEW

A pneumatic vise grip for wide flat specimens such as textiles, webbing and sheet materials. Three pneumatic rods act on 60 × 220 mm hardened steel jaws, producing 7.8 kN clamping force at 7 bar and 17.8 kN at 16 bar. Pyramid jaws suit firm materials, while wave jaws hold flexible fabrics without cutting.

KEY FEATURES

- Three pneumatic rods for even clamping across 220 mm width
- 7.8 kN clamping at 7 bar, 17.8 kN at 16 bar
- Hardened steel jaws, 60 × 220 mm clamping surface
- Jaw opening 0–20 mm for thick or layered fabrics
- Anodized aluminum body for low weight and corrosion resistance
- Manual screw-operated version available for sites without compressed air

TECHNICAL SPECIFICATIONS

Clamping force	7.8 kN at 7 bar; 17.8 kN at 16 bar
Test type	Tension
Jaw face size	60 × 220 mm
Jaw opening	0–20 mm
Coupling	Female clevis, Ø 15.9 mm (5/8 in) pin; others on request
Body material	Anodized aluminum; jaws hardened steel
Temperature range	0 to +70 °C; other ranges on request
Weight	5.90 kg per grip, without jaws
Operation	Pneumatic

AVAILABLE VERSIONS

Pyramid jaws 60 x 220 mm	Pyramids 1.2 × 45°, hardened, nickel-plated
Wave jaws 60 x 220 mm	5 mm wave for flexible materials
Manual version	Screw-operated vise grip, 40 kN max. load

APPLICATIONS

- Woven and technical textiles
- Webbing and belts
- Geotextiles and nets
- Wide plastic sheet

Ordering & customization: Specify jaw face type (pyramid or wave), coupling and operating pressure. Add foot pedals, hand switches or a pressure regulator if required.

Dimensional drawings
See page 2. Certified drawings and 3D models available on request.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-PG-200

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DIMENSIONAL DRAWINGS

FIG. 1

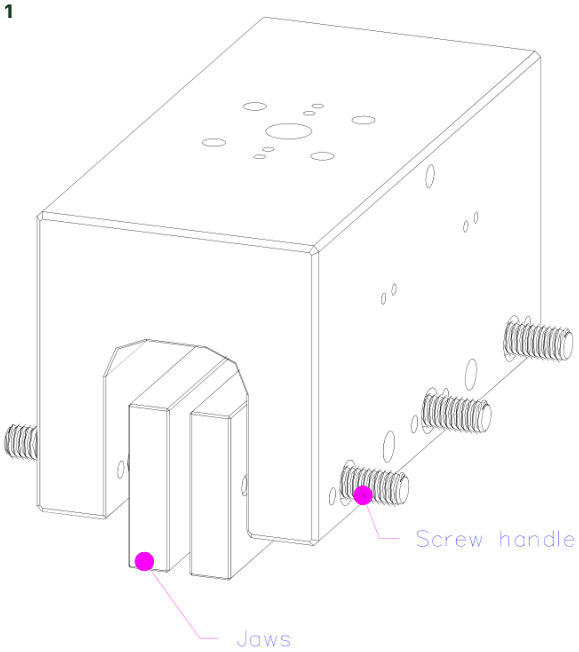


FIG. 2

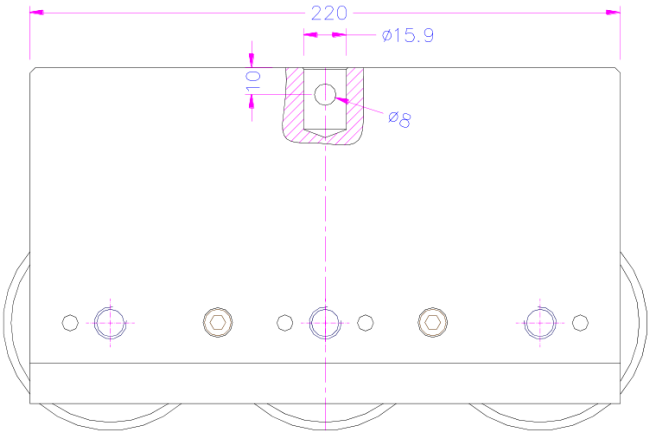


FIG. 3

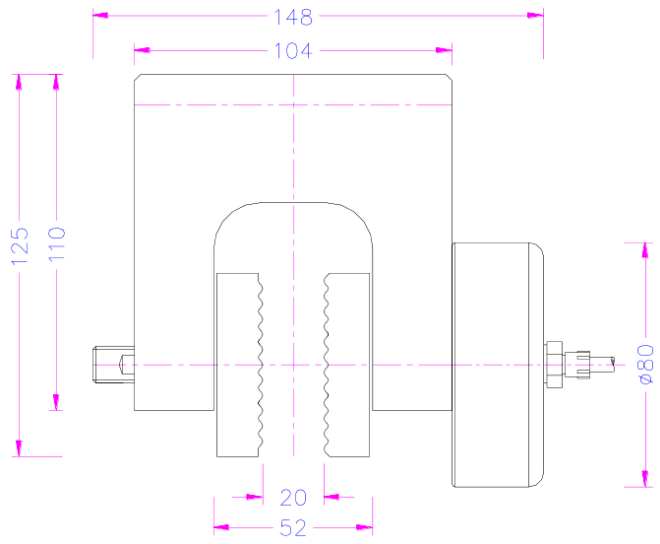
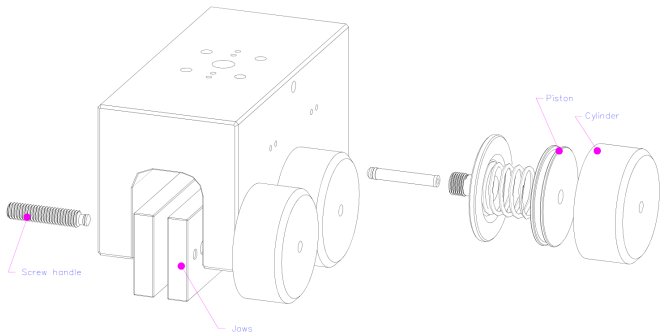


FIG. 4



Dimensions in mm. Drawings are representative of the product family and may show optional versions or accessories; dimensions are for reference only and may change without notice. Certified dimensional drawings and 3D models are available on request.